

ABSTRACT OF THE DISCLOSURE

A measurement system is provided in which optimum measurement is conducted depending on an environmental change and movement of an object. The measurement system for measuring an object based on images obtained by plural cameras includes a positional control portion for controlling positions of the cameras to change photographing directions of the cameras, a two-dimensional measurement portion for conducting two-dimensional measurement of the object based on the image of the object, the image being obtained by at least one of the cameras, a stereoscopic measurement portion for conducting stereoscopic measurement of the object based on the images of the object, the images being obtained by the cameras, and a switching portion for switching between the two-dimensional measurement portion and the stereoscopic measurement portion to perform an operation.